

## CLAIMS

What is claimed is:

1. A method of streaming media, said method comprising:  
5 receiving a plurality of media streams, said plurality of media streams having a mutual downstream destination and a total bandwidth associated therewith;  
receiving information allowing identification of a selected media stream;  
performing a service on each of said media streams except for said  
10 selected media stream, said service reducing a respective initial bandwidth of each media stream other than said selected media stream so that said total bandwidth is reduced; and  
streaming said plurality of media streams, wherein said media streams  
other than said selected media stream are streamed at less than their  
15 respective initial bandwidths.
2. The method of Claim 1 wherein said service comprises a transcoding operation.
- 20 3. The method of Claim 2 wherein said transcoding operation is selected from the group consisting of bitrate reduction, rate shaping, spatial downsampling, spatial resolution reduction, frame rate reduction, key frame selection, a change in compression format, data packet elimination, and data packet truncation.
- 25 4. The method of Claim 1 further comprising:  
receiving information identifying a type of service to be performed.
5. The method of Claim 1 wherein a single device receives said  
30 media streams and performs said service.
6. The method of Claim 1 wherein said media streams are received at respective devices, each device servicing a respective media stream.
- 35 7. The method of Claim 1 wherein said information is generated according to an edit list comprising instructions for editing said media streams.
8. The method of Claim 1 further comprising:  
recording said media streams prior to said performing of said service.

9. A method of streaming media, said method comprising:  
 receiving a plurality of media streams, said plurality of media streams  
 having a mutual downstream destination and respective initial bandwidths  
 5 associated therewith;  
 performing a service on each of said media streams, said service  
 reducing a respective initial bandwidth of each media stream;  
 streaming said plurality of media streams at less than their respective  
 initial bandwidths;  
 10 selecting at least one media stream from said plurality of media  
 streams; and  
 streaming said at least one media stream at its initial bandwidth.

10. The method of Claim 9 wherein said service comprises a  
 15 transcoding operation.

11. The method of Claim 10 wherein said transcoding operation is  
 selected from the group consisting of bitrate reduction, rate shaping, spatial  
 downsampling, spatial resolution reduction, frame rate reduction, key frame  
 20 selection, a change in compression format, data packet elimination, and data  
 packet truncation.

12. The method of Claim 9 further comprising:  
 receiving information identifying a type of service to be performed.  
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13. The method of Claim 9 wherein a single device receives said  
 media streams and performs said service.

14. The method of Claim 9 wherein said media streams are received  
 30 at respective devices, each device servicing a respective media stream.

15. The method of Claim 9 wherein said selecting is made according  
 to an edit list comprising instructions for editing said media streams.

35 16. The method of Claim 9 further comprising:  
 recording said media streams prior to said performing of said service.

17. A computer-usable medium having computer-readable program code embodied therein for causing a network mixing device to perform a method of streaming media, said method comprising:

5 receiving a plurality of media streams, said plurality of media streams having a mutual downstream destination and a total bandwidth associated therewith;

executing an operation on each of said media streams except for at least one media stream, said operation reducing a respective initial bandwidth of each media stream other than said at least one media stream so that said  
10 total bandwidth is reduced; and

streaming said plurality of media streams, wherein said media streams other than said at least one media stream are streamed at less than their respective initial bandwidths.

15 18. The computer-usable medium of Claim 17 wherein said operation comprises transcoding.

19. The computer-usable medium of Claim 17 wherein said operation is selected from the group consisting of bitrate reduction, rate  
20 shaping, spatial downsampling, spatial resolution reduction, frame rate reduction, key frame selection, a change in compression format, data packet elimination, and data packet truncation.

20. The computer-usable medium of Claim 17 wherein said at least  
25 one media stream is selected in response to an edit list comprising instructions for editing said media streams.

21. The computer-usable medium of Claim 17 wherein said computer-readable program code embodied therein causes said network  
30 mixing device to perform said method further comprising:  
recording said media streams prior to said executing of said operation.

22. A computer-usable medium having computer-readable program code embodied therein for causing a network mixing device to perform a  
35 method of streaming media, said method comprising:

receiving a plurality of media streams, said plurality of media streams having a mutual downstream destination and respective initial bandwidths associated therewith;

executing an operation on each of said media streams, said operation reducing a respective initial bandwidth of each media stream;

streaming said plurality of media streams at less than their respective initial bandwidths;

5 receiving information selecting at least one media stream from said plurality of media streams; and

streaming said at least one media stream at its initial bandwidth.

23. The computer-usable medium of Claim 22 wherein said  
10 operation comprises transcoding.

24. The computer-usable medium of Claim 22 wherein said operation is selected from the group consisting of bitrate reduction, rate shaping, spatial downsampling, spatial resolution reduction, frame rate  
15 reduction, key frame selection, a change in compression format, data packet elimination, and data packet truncation.

25. The computer-usable medium of Claim 22 wherein said information for selecting comprises instructions for editing said media streams.  
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26. The computer-usable medium of Claim 22 wherein said computer-readable program code embodied therein causes said network mixing device to perform said method further comprising:  
recording said media streams prior to said executing of said operation.  
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